UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/047,095	01/15/2002	Cristi Nesbitt Ullmann	AUS920010906.US1	5579

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2176	

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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this c mmunication appears on the cover sheet with the correspondence address --

Period f r Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 January 2002*.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
    closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-21* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-21* is/are rejected.

7)☒ Claim(s) *10* is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *15 January 2002* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
         application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Claim Objections

1.   Claim 10 is objected to because of the following informalities: In line 1, the claim

refers to Claim 7. This appears to be a typographical error as the sequential order of

the claim suggests that it refers to Claim 8. Appropriate correction is required.

2.   For purposes of examination, the Examiner will assume that Claim 10, line 1

refers to Claim 8.

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1 - 21 are rejected under 35 U.S.C. 102(e) as being anticipated by Yoo

(Pub. No. US 2002/0124022 A1)("Yoo"). Regarding independent claim 1, lines 1-6, Yoo

teaches a network with user access via a plurality of terminals for displaying hypertext

documents, as shown Yoo, Figure 2. Regarding lines 6-15 of independent claim 1,

claiming "*a system at a receiving display station for delayed viewing of designated*

linked documents", Yoo discloses (p. 1 pp. 12) "an apparatus for web document

processing having a multi-browse function. The apparatus includes: a module for

obtaining web documents containing at least a primary document; a module for

obtaining one or more secondary web documents specified in the primary document;"

compare with claim 1 *"means enabling a user to designate a plurality of hyperlinks in*

received documents for subsequent viewing."

Subsequently, Yoo discloses "a module for storing data of the secondary web

documents in corresponding predetermined storing portions; a module for displaying

document selectors in association with the secondary web documents on a screen of

the terminal;" compare with claim 1 *"means for storing said designated hyperlinks; and*

means for selecting said stored hyperlinks to thereby access and display their

respective linked documents."

Regarding claim 2, Yoo discloses that the network of the invention is the World

Wide Web.

Regarding claim 3, Yoo teaches (p. 1-2, pp. 13) "storing data of the secondary

web documents in corresponding predetermined storing portions." Further, Yoo

discloses (p. 1-2, pp. 13) "displaying document selectors associated with the secondary

web documents on a screen of the terminal; and upon selecting one of the document

selectors, displaying a secondary web document corresponding to the selected

document selector on the screen of the terminal" compare with claim 3, *"means*

enabling the user to selectively display said cached documents" and *"means for*

selecting said stored hyperlinks to thereby access and cache their respective linked

documents."

Regarding claim 4, Yoo teaches "the obtained secondary web documents are stored in a storage medium of the user terminals 85, 86, and 87 such as memory HDD, a floppy disc, and a CD-RW through the storage module 811. The document selector generation module 812 generates document selectors associated with the secondary web documents fetched from the web servers 82, 83, and 84 in order to display the document selectors on the screen of each of the user terminals 85, 86, and 87 (p. 2 pp. 22)." This architecture would allow selective display of cached documents off-line from the network. Compare with claim 4, "*wherein said means enabling the user to selectively display said cached documents are off-line from said communication network.*" Therefore, means enabling the user to selectively display cached documents offline from the network are taught by Yoo.

Regarding claim 5, Yoo teaches "The secondary web document processing module 813 performs management functions such as creating, erasing, and switching on the secondary web documents (p. 2 pp. 22)." Compare to claim 5 "*means for deleting each of said designated stored hyperlinks when each of their respective linked designated documents is displayed.*"

Regarding claim 6, Yoo teaches a user interactive web browser (Fig. 4) including means enabling the user to designate hyperlinks for subsequent viewing, means for storing hyperlinks, and means for selecting stored hyperlinks to access and display linked documents. Compare to claim 6 "*said receiving display station further includes a user interactive Web browser, said browser including...*"

Regarding claim 7, Yoo teaches, in addition to the user interactive web browser described above (Fig. 4), using the browser as a means of "storing data of the secondary web documents in corresponding predetermined storing portions, displaying document selectors associated with the secondary web documents on a screen of the terminal, and upon selecting one of the document selectors, displaying a secondary web document corresponding to the selected document selector (p. 1, pp. 13)." Compare to claim 7 which claims an interactive Web browser including *"means for selecting said stored hyperlinks to thereby access and cache their respective linked documents; and means enabling the user to selectively display said cached documents."*

Regarding independent claim 8, Yoo (Figure 2) teaches a computer controlled communication network with user access through a plurality of terminals, which are equivalent to the "data processor controlled interactive receiving display stations" referenced in claim 8. In addition, Yoo teaches that the invention is to be "applied to a PC-based client-server system, a web TV, personal digital assistant (PDA) and a web phone to read one or more documents or retrievals at once using one browser in order to store them and to select one of the documents or retrievals in order to browse it (p. 1, pp. 10)." This shows the plurality of display terminals taught by Yoo.

Regarding claim 9, Yoo discloses that the network of the invention is the World Wide Web.

Regarding claim 10, in addition to the a computer controlled communication network with user access through a plurality of terminals discussed above, Yoo teaches

a method for designated multiple documents referenced by hyperlinks for later viewing,

storing hyperlinks and document information, and selecting stored hyperlinks to access

and display linked documents (p. 1 pp. 12). Compare to claim 10 "*a method for delayed*

viewing of designated linked documents at a receiving display station comprising..."

Regarding claim 11, Yoo teaches "the obtained secondary web documents are

stored in a storage medium of the user terminals 85, 86, and 87 such as memory HDD,

a floppy disc, and a CD-RW through the storage module 811. The document selector

generation module 812 generates document selectors associated with the secondary

web documents fetched from the web servers 82, 83, and 84 in order to display the

document selectors on the screen of each of the user terminals 85, 86, and 87 (p. 2 pp.

22)." This architecture would enable the selective display of cached documents off-line

from the network. Compare to claim 11, "*said step enabling the user to selectively*

display said cached documents is performed off-line from said communication network."

Regarding claim 12, Yoo teaches "The secondary web document processing

module 813 performs management functions such as creating, erasing, and switching

on the secondary web documents(p. 2 pp. 22)." Compare to claim 12, "*deleting each of*

said designated stored hyperlinks when each of their respective linked designated

documents is displayed." Further, each of the document processing modules are

transmitted or installed on the user terminals (p. 2, pp. 23) of the communication

network disclosed by Yoo.

Regarding claim 13, Yoo teaches "It is another object of the present invention to

provide a web browser having a function of multi-browsing a plurality of web documents

by managing them in an incorporated way (p. 1 pp. 9))." Compare to claim 13 "*a user interactive Web browser method carried out at said receiving display station...*" Compare claim 13, lines 4-10 to the disclosure of Yoo previously cited (p. 1 pp. 12).

Regarding claim 14 which claims "*said interactive Web browser method further includes the steps of: selecting said stored hyperlinks to thereby access and cache their respective linked documents*", Yoo teaches "The method includes the steps of: obtaining web documents including at least a primary document; obtaining one or more secondary web documents specified in the primary document; storing data of the secondary web documents in corresponding predetermined storing portions; displaying document selectors associated with the secondary web documents on a screen of the terminal; and upon selecting one of the document selectors, displaying a secondary web document corresponding to the selected document selector on the screen of the terminal (p. 1-2, pp. 13)." Compare to claim 14 "*enabling the user to selectively display said cached documents.*"

Regarding claim 15, Yoo teaches "the present invention also provides a computer-readable recording medium on which a web document processing method is recorded." Compare to claim 15 "*a computer program having code recorded on a computer readable medium for delayed viewing of designated linked documents at a receiving display station.*" Further, the method taught by Yoo includes the steps of:

> "obtaining web documents including at least a primary document;
> obtaining one or more secondary web documents specified in the primary
> document; storing data of the secondary web documents in corresponding
> predetermined storing portions; displaying document selectors associated
> with the secondary web documents on a screen of the terminal; and upon
> selecting one of the document selectors, displaying a secondary web

document corresponding to the selected document selector on the screen
of the terminal (p. 1 pp. 13)."

Compare to claim 15, lines 7-17.

Regarding claim 16, Yoo discloses that the network of the invention is the World

Wide Web.

Regarding claim 17, compare *"means for selecting said stored hyperlinks to*

thereby access and chache their respective linked documents; and means enabling the

user to selectively display said cached documents" discussed in claim 17 to the

disclosure of Yoo (p. 1-2, pp. 13) cited above.

Regarding claim 18, Yoo teaches "the obtained secondary web documents are

stored in a storage medium of the user terminals 85, 86, and 87 such as memory HDD,

a floppy disc, and a CD-RW through the storage module 811. The document selector

generation module 812 generates document selectors associated with the secondary

web documents fetched from the web servers 82, 83, and 84 in order to display the

document selectors on the screen of each of the user terminals 85, 86, and 87 (p. 2 pp.

22)." This architecture would allow selective display of cached documents off-line from

the network. Compare to claim 18, *"means enabling the user to selectively display said*

cached documents are off-line from said communication network."

Regarding claim 19, Yoo teaches "The secondary web document processing

module 813 performs management functions such as creating, erasing, and switching

on the secondary web documents(p. 2 pp. 22)." According to Yoo (p. 1, pp. 13), these

functions are performed programmatically in code recorded on a computer readable

medium. Compare to claim 19, "*means for deleting each of said designated stored hyperlinks when each of their respective linked designated documents is didplayed.*"

Regarding claim 20, Yoo teaches "It is another object of the present invention to provide a web browser having a function of multi-browsing a plurality of web documents by managing them in an incorporated way (p. 1 pp. 9)." Further, the disclosure of Yoo cited above (p. 1 pp. 12) anticipates claim 20. Compare to claim 20 "*a user interactive web browser program including...*"

Regarding claim 21, Yoo teaches "The method includes the steps of: obtaining web documents including at least a primary document; obtaining one or more secondary web documents specified in the primary document; storing data of the secondary web documents in corresponding predetermined storing portions; displaying document selectors associated with the secondary web documents on a screen of the terminal; and upon selecting one of the document selectors, displaying a secondary web document corresponding to the selected document selector on the screen of the terminal (p. 1-2, pp. 13)." Compare to claim 21, "*means for selecting said stored hyperlinks to thereby access and cache their respective linked documents; and means enabling the user to selectively display said cached documents.*"

Conclusion

3.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Li (US 6725227 B1) discloses a bookmark database system providing offline caching and document viewing functionality. Gauvin (US 5991760)

teaches a web browser with functionality to select and download linked documents for use offline.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Amelia Rutledge whose telephone number is (571)272-7508. The examiner can normally be reached on 8:30 - 5:00 Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JOSEPH FEILD
SUPERVISORY PATENT EXAMINER